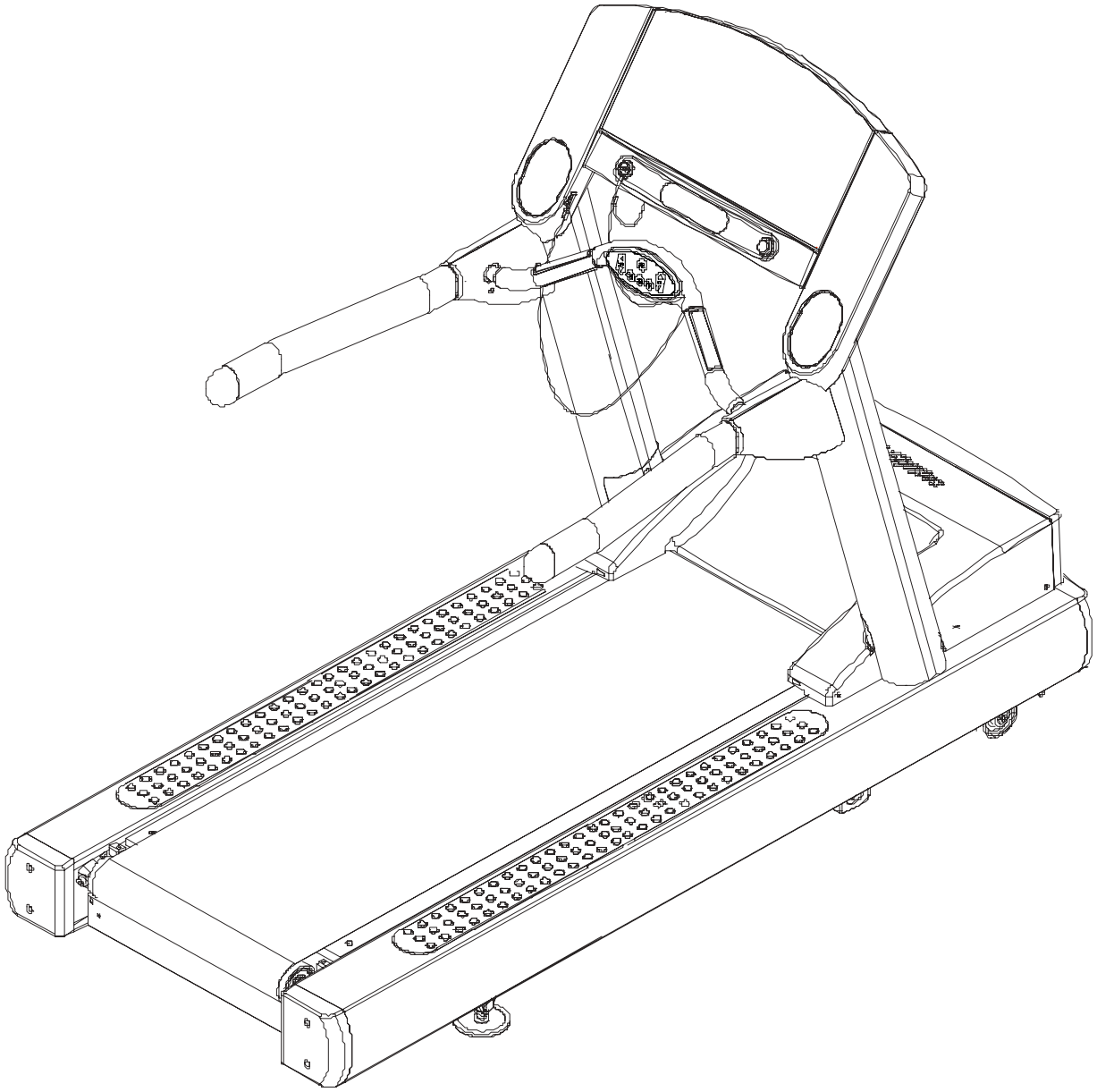
LifeFitness

ARTIC SILVER 95T CPO HUNGARY TREADMILL



Customer Support Services

PARTS MANUAL rev. 15 NOV 2010

Page

REFERENCES 3

CONSOLE, OVERLAY ASSEMBLY & OVERLAY 5

CONSOLE COMPONENTS 6

UPRIGHTS & HANDRAILS 7

ERGO BAR, HEART RATE SENSORS & ACTIVITY ZONE 8

A-Z MODULE WITH OVERLAY ASSY 9

REAR ENDCAPS & CUP HOLDERS 10

MOTOR COVER, FRONT COVER & ENDCAPS 11

SCUFF PAD & TINSEL 12

ON-OFF SWITCH, ACCESS PLATE & GROMMETS 13

BELT, DECK & REAR ROLLER 14

LIFT FRAME, LIFT MOTOR & IEC RECEPTACLE 15

IDLER ARM ASSEMBLY 16

LEG LEVELER ASSEMBLY 17

FRONT ROLLER ASSEMBLY 18

DRIVE MOTOR ASSEMBLY 19

STRIDE SENSOR ASSY & STRIDE SENSOR PCB ASSY 20

DSP-CONTROLLER ASSEMBLY 21

LINE-CORDS & LINE-CORD OPTIONS 22

BLOCK DIAGRAM – CONSOLE VIEW 23

BLOCK DIAGRAM – DSP VIEW 24

BLOCK DIAGRAM – LINE FILTER VIEW 25

LANGUAGE	OPERATION MANUAL	INSTRUCTION ASSEMBLY	INSTRUCTION BAG ASSY.	SERVICE MANUAL
ENGLISH	M051-00K58-A272	M051-00K58-A322	AK58-00578-0000	M051-00K58-A253
FRENCH	M051-00K58-A273	M051-00K58-A323	AK58-00578-0001	
PORTUGUESE				
SPANISH				
DUTCH	M051-00K58-A274	M051-00K58-A324	AK58-00578-0002	
GERMAN				
ITALIAN				
JAPANESE	M051-00K58-A275	M051-00K58-A325	AK58-00578-0003	
EUR	M051-00K58-A272	M051-00K58-A322	AK58-00578-0004	

*All Operation, Instruction Assembly & Instruction Bag Assembly may not be available

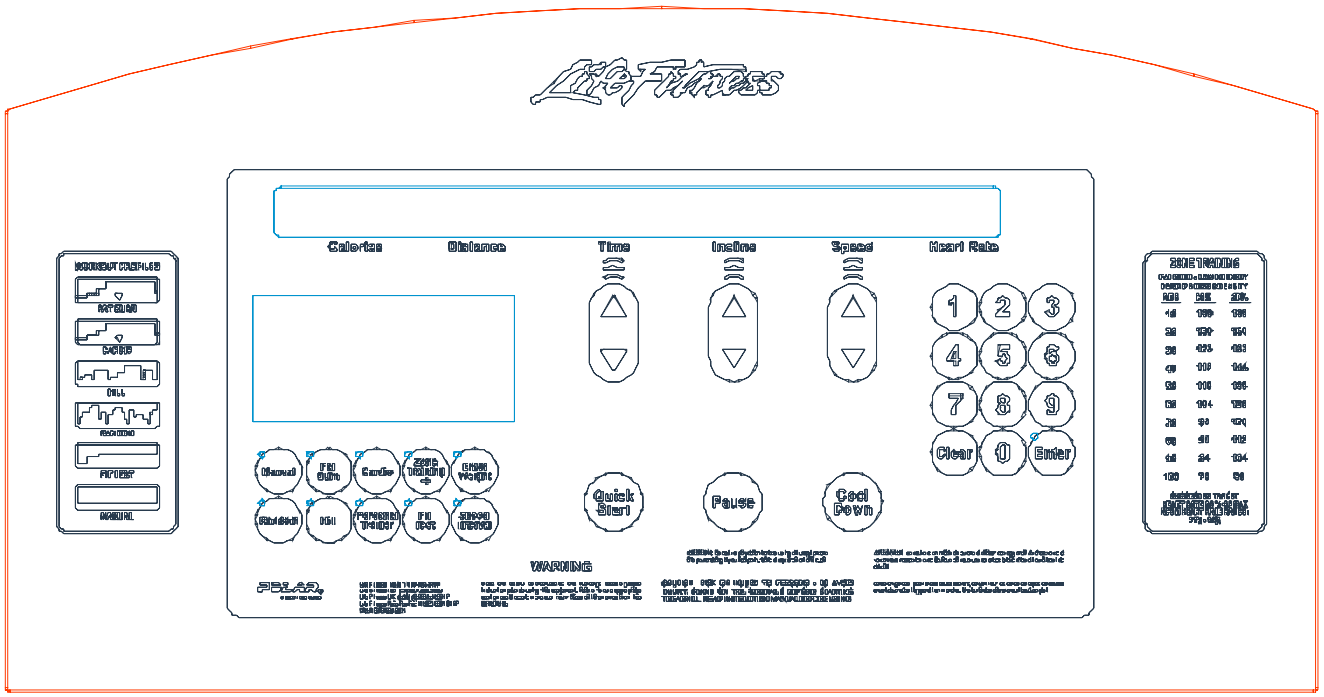
AK58-00226-0000	Hardware Bag Assembly: MFG;95T/97T	
Item	Description	Qty
0K58-01305-0002	PLUG: UPRIGHT S/C-C	2
0K58-01347-0000	GASKET: ERGOBAR C	2
0017-00009-1049	WRENCH: TORX; T27 B	1
0017-00042-0326	GROMMET: PLASTI; .130/.005 S/C#13-B	2
0017-00042-0840	CLIP: WIRE; PUSH-MTG; 3/4"; S/C#80-B	5
0017-00101-1770	8-15X 8 PHL PAN A SS NO B	6
0017-00101-1772	10-16X 8 PHL PAN B ST ZS B	6
0017-00101-1773	1/4 -20X 8 TRX BUT CS SS NO B	6
0017-00101-1774	5/16-18X40 TRX FLT CS ST ZS B	4
0017-00101-1778	1/2 -13X16 UNS HEX CS G5 ZB B	4
0017-00101-1780	8- X20 PHL TRS AB SS NO B	8
0017-00104-0325	WSH 516-.873-125 SL-D ST ZN B	4
0017-00103-0327	NUT 5/16-18 HEX; JAM D ST ZS B	4

GK58-00002-0095	KIT: SERV; ROLLER-GUARDS; 93/95Ti BM	
Part Number	**Description**	**Qty**
AK58-00360-0001	GUARD-ASSY: MFG; RT; 3.50 B	1
AK58-00360-0002	GUARD-ASSY: MFG; LT; 3.50 B	1
M051-00K58-B128	INSTR: SERV; ROLLER-GUARDS +	1
0017-00042-0326	GROMMET: PLASTI; .130/.005 S/C#13-B	2
0017-00042-1147	GROMMET: NYLON; SCREW B	2
0017-00101-1776	10-16X 8 PHL PAN B ST ZB B	4

GK58-00002-0071	KIT: SERV; ANTI-SLIP RAIL BM	
Part Number	**Description**	**Qty**
Only available in the kit	INSTR:TEMPLT; ANTI-SLIP RAIL B	4
Only available in the kit	INSTR: KIT; ANTI-SLIP RAIL +	1
0K58-01376-0000	RAIL: ANTI-SLIP;STEALTH-GREY E	2
Only available in the kit	PAD: WIPE; ALCOHOL/DRY B	

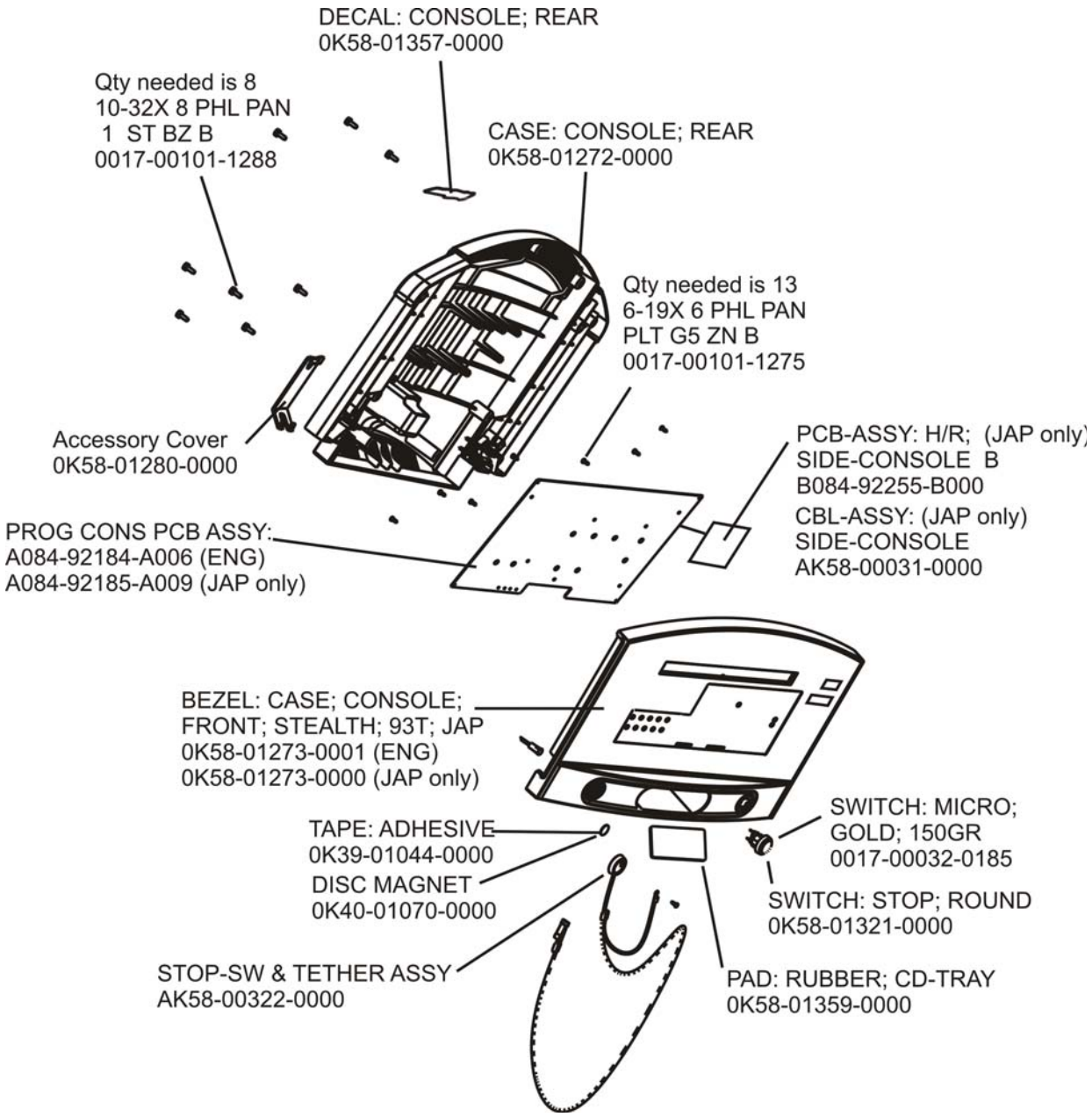
TOUCH UP PAINT:	
0017-00008-0204	PAINT: CAN; SPRAY; ARCTIC SILVER
0017-00008-0205	PAINT: BOTTLE; ARCTIC SILVER (.5 OZ)
0017-00008-0206	PAINT: PEN; ARCTIC SILVER (.33 OZ)

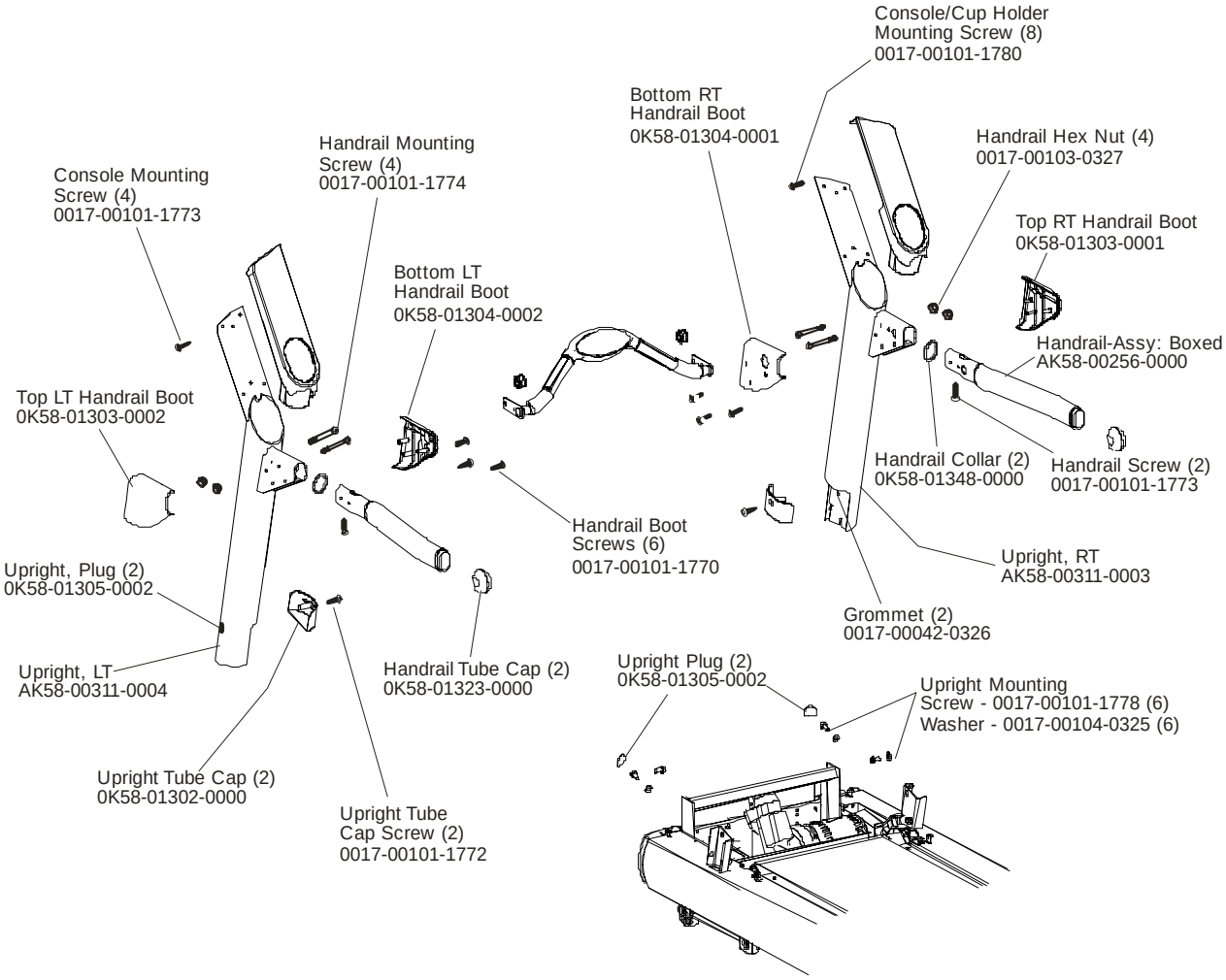
INK TRANSFER TOUCH-UP PAINT: SB No. GN05032101N	
0017-00008-0210	PAINT: TOUCH-UP; SHADOW-GRAY; .6 OZ BTL.
0017-00008-0211	PAINT: TOUCH-UP; SHADOW-GRAY; .6 OZ. PEN

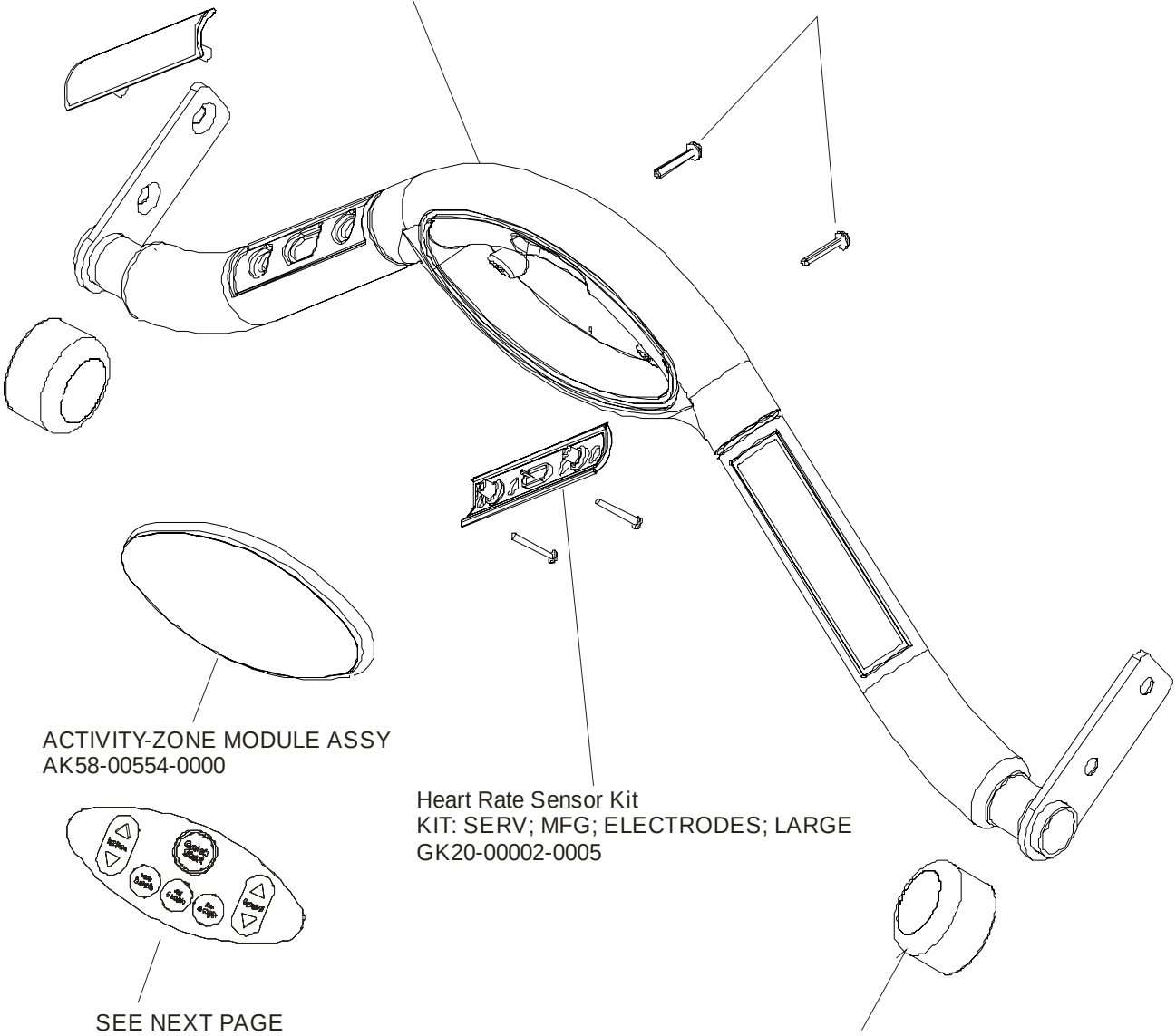


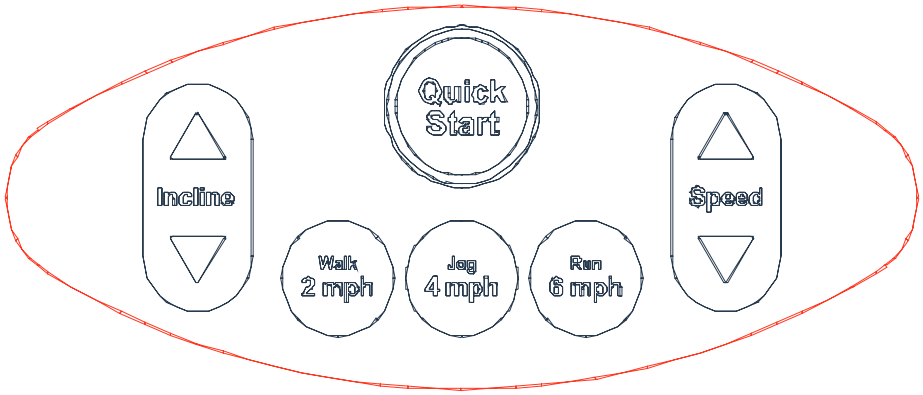
LANGUAGE	CONSOLE	OVERLAY/BEZEL ASSY	OVERLAY
ENG/ENG	AK58-00580-0001	AK58-00203-0001	0K58-01298-0001
ENG+MET	AK58-00580-0002	AK58-00203-0002	0K58-01298-0001
GERMAN	AK58-00580-0003	AK58-00203-0003	0K58-01298-0003
SPANISH	AK58-00580-0004	AK58-00203-0004	0K58-01298-0004
JAPANESE	AK58-00582-0006	AK58-00202-0006	0K58-01296-0006
FRENCH	AK58-00580-0007	AK58-00203-0007	0K58-01298-0007
ITALIAN	AK58-00580-0008	AK58-00203-0008	0K58-01298-0008
DUTCH	AK58-00580-0009	AK58-00203-0009	0K58-01298-0009
PORTUGUESE	AK58-00580-0010	AK58-00203-0010	0K58-01298-0010

*All Console, Overlay/Bezel Assembly or Overlay may not be available


DECAL: CONSOLE; REAR
0K58-01357-0000
Qty needed is 8
10-32X 8 PHL PAN
1 ST BZ B
0017-00101-1288
CASE: CONSOLE; REAR
0K58-01272-0000
Qty needed is 13
6-19X 6 PHL PAN
PLT G5 ZN B
0017-00101-1275
Accessory Cover
0K58-01280-0000
PCB-ASSY: H/R; (JAP only)
SIDE-CONSOLE B
B084-92255-B000
CBL-ASSY: (JAP only)
SIDE-CONSOLE
AK58-00031-0000
PROG CONS PCB ASSY:
A084-92184-A006 (ENG)
A084-92185-A009 (JAP only)
BEZEL: CASE; CONSOLE;
FRONT; STEALTH; 93T; JAP
0K58-01273-0001 (ENG)
0K58-01273-0000 (JAP only)
SWITCH: MICRO;
GOLD; 150GR
0017-00032-0185
TAPE: ADHESIVE
0K39-01044-0000
DISC MAGNET
0K40-01070-0000
SWITCH: STOP; ROUND
0K58-01321-0000
STOP-SW & TETHER ASSY
AK58-00322-0000
PAD: RUBBER; CD-TRAY
0K58-01359-0000

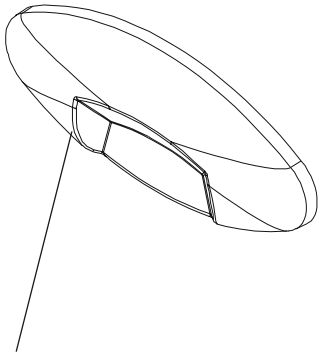

Console/Cup Holder
Mounting Screw (8)
0017-00101-1780
Bottom RT
Handrail Boot
0K58-01304-0001
Handrail Hex Nut (4)
0017-00103-0327
Handrail Mounting
Screw (4)
0017-00101-1774
Console Mounting
Screw (4)
0017-00101-1773
Top RT Handrail Boot
0K58-01303-0001
Bottom LT
Handrail Boot
0K58-01304-0002
Handrail-Assy: Boxed
AK58-00256-0000
Top LT Handrail Boot
0K58-01303-0002
Handrail Collar (2)
0K58-01348-0000
Handrail Screw (2)
0017-00101-1773
Handrail Boot
Screws (6)
0017-00101-1770
Upright, RT
AK58-00311-0003
Upright, Plug (2)
0K58-01305-0002
Grommet (2)
0017-00042-0326
Upright, LT
AK58-00311-0004
Handrail Tube Cap (2)
0K58-01323-0000
Upright Plug (2)
0K58-01305-0002
Upright Mounting
Screw - 0017-00101-1778 (6)
Washer - 0017-00104-0325 (6)
Upright Tube Cap (2)
0K58-01302-0000
Upright Tube
Cap Screw (2)
0017-00101-1772


ERGO-BAR OVERMOLD ASSY: PURCH. D
AK58-00376-0000
8-16X18 PHL PAN PLT ST BO B (2)
0017-00101-0824
ACTIVITY-ZONE MODULE ASSY
AK58-00554-0000
Heart Rate Sensor Kit
KIT: SERV; MFG; ELECTRODES; LARGE
GK20-00002-0005
SEE NEXT PAGE
GASKET: ERGOBAR (2)
0K58-01347-0000

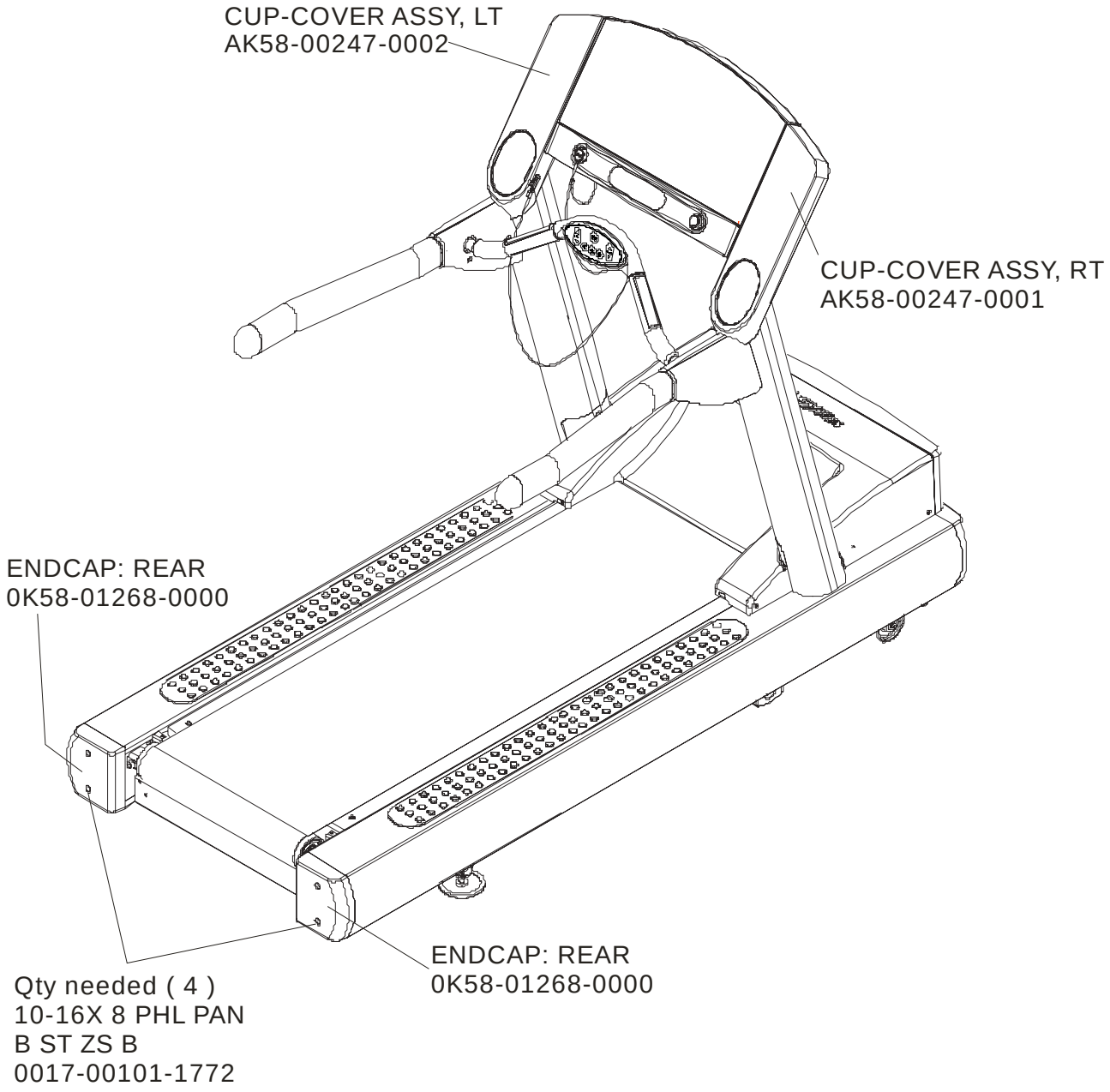


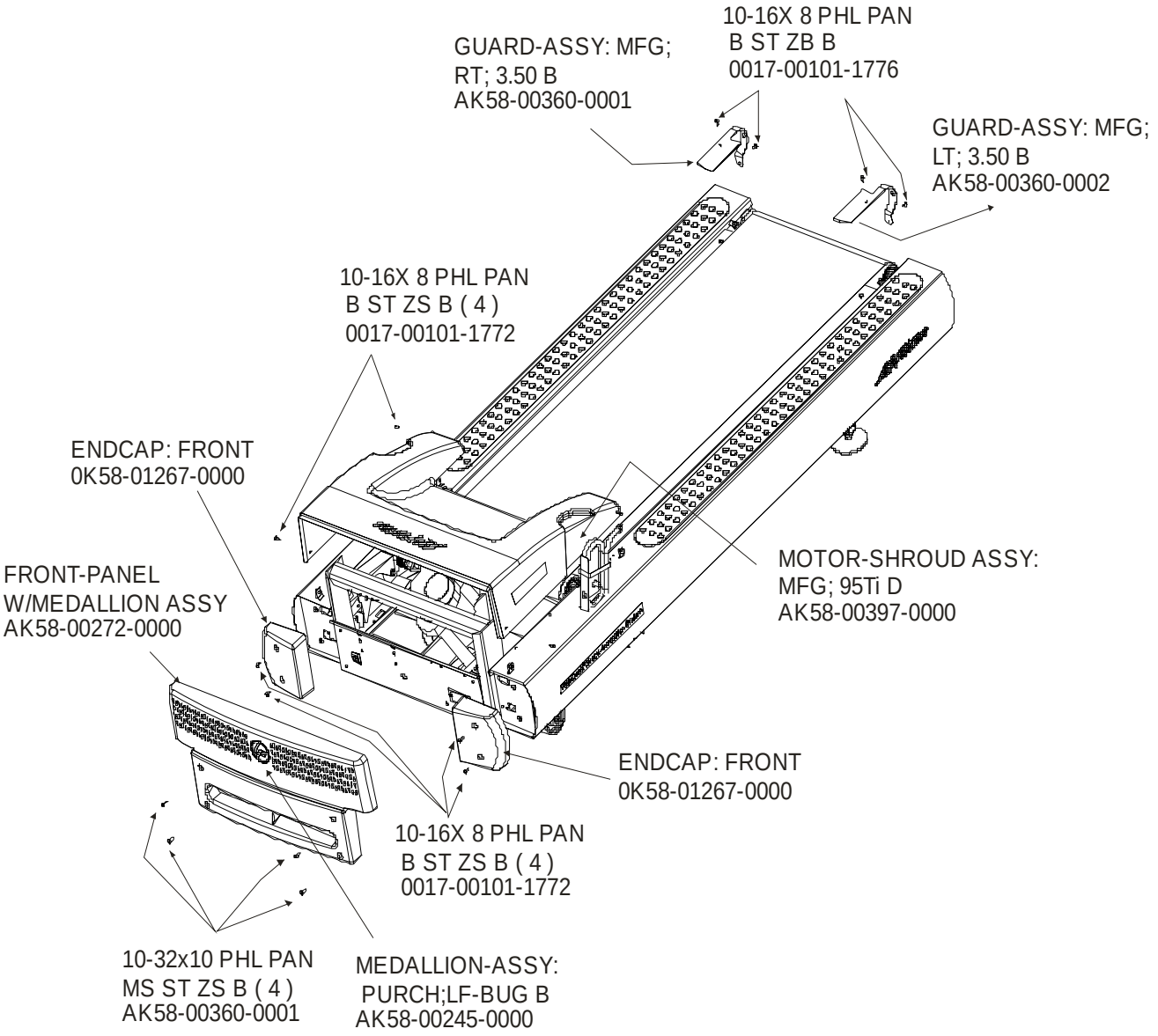
LANGUAGE	ACTIVITY ZONE ASSY	AZ OVERLAY	
ENG/ENG	AK58-00555-0001	0K58-01459-0001	THS100000 - THS102085 *
ENG/MET	AK58-00555-0002	0K58-01459-0002	
GERMAN	AK58-00554-0000	0K58-01459-0003	
SPANISH	AK58-00554-0000	0K58-01459-0004	
JAPANESE	AK58-00554-0000	0K58-01459-0006	
FRENCH	AK58-00554-0000	0K58-01459-0007	
ITALIAN	AK58-00554-0000	0K58-01459-0008	
DUTCH	AK58-00554-0000	0K58-01459-0009	THS100000 - THS102028 *

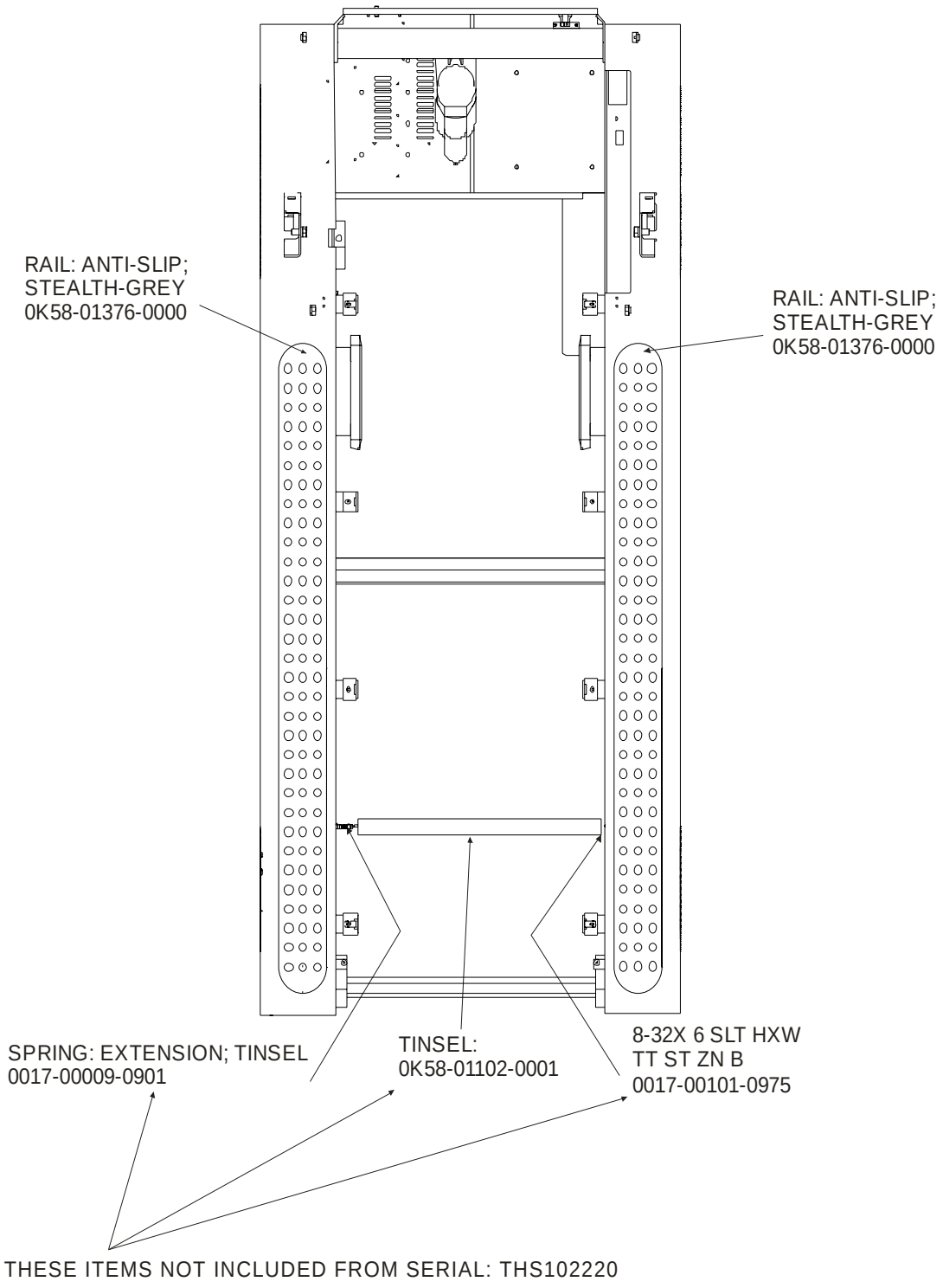
* LENS COVER APPLIED AFTER THE INDICATED SERIAL RANGES

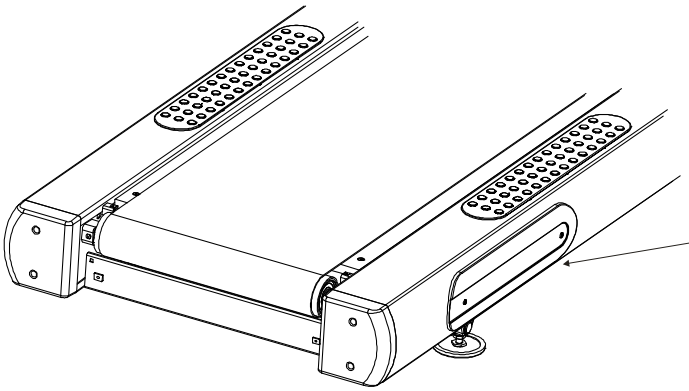


Lens Cover
0K58-01103-0000


CUP-COVER ASSY, LT
AK58-00247-0002
CUP-COVER ASSY, RT
AK58-00247-0001
ENDCAP: REAR
0K58-01268-0000
ENDCAP: REAR
0K58-01268-0000
Qty needed (4)
10-16X 8 PHL PAN
B ST ZS B
0017-00101-1772


GUARD-ASSY: MFG;
RT; 3.50 B
AK58-00360-0001
10-16X 8 PHL PAN
B ST ZB B
0017-00101-1776
GUARD-ASSY: MFG;
LT; 3.50 B
AK58-00360-0002
10-16X 8 PHL PAN
B ST ZS B (4)
0017-00101-1772
ENDCAP: FRONT
0K58-01267-0000
FRONT-PANEL
W/MEDALLION ASSY
AK58-00272-0000
MOTOR-SHROUD ASSY:
MFG; 95Ti D
AK58-00397-0000
ENDCAP: FRONT
0K58-01267-0000
10-16X 8 PHL PAN
B ST ZS B (4)
0017-00101-1772
10-32x10 PHL PAN
MS ST ZS B (4)
AK58-00360-0001
MEDALLION-ASSY:
PURCH;LF-BUG B
AK58-00245-0000


RAIL: ANTI-SLIP;
STEALTH-GREY
0K58-01376-0000
RAIL: ANTI-SLIP;
STEALTH-GREY
0K58-01376-0000
SPRING: EXTENSION; TINSEL
0017-00009-0901
TINSEL:
0K58-01102-0001
8-32X 6 SLT HXW
TT ST ZN B
0017-00101-0975
THESE ITEMS NOT INCLUDED FROM SERIAL: THS102220



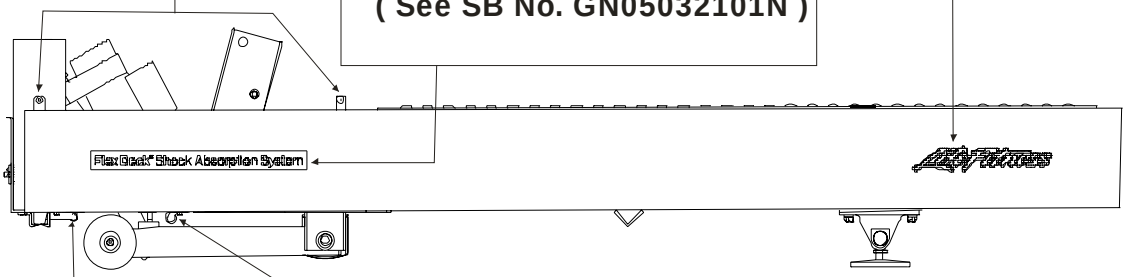
ACCES PANEL COVER (2): 0K58-01279-0000
SCREWS (4): 0017-00101-1772
ACCESS PANEL DECAL LT: 0K58-01334-0002
ACCESS PANEL DECAL RT: 0K58-01334-0001

OR

DECAL: FRAME; LF-LOGO
0K60-01193-0000
CAN BE DIFFERENT PER MODEL

GROMMET: PLASTI; .
130/.005 S/C#13-B (4)
0017-00042-0326

Ink transfer decal can not be replaced in the field, it can only be touched up. (See SB No. GN05032101N)

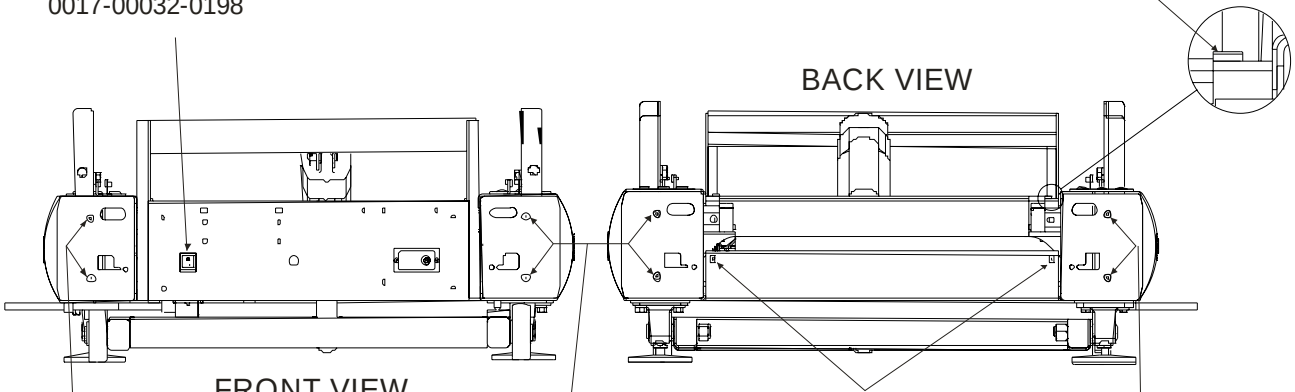


CLIP: WIRE; PUSH-MTG; 3/4"; S/C#80-B
0017-00042-0840

CLAMP: WIRE; 5/8"
0017-00042-1072

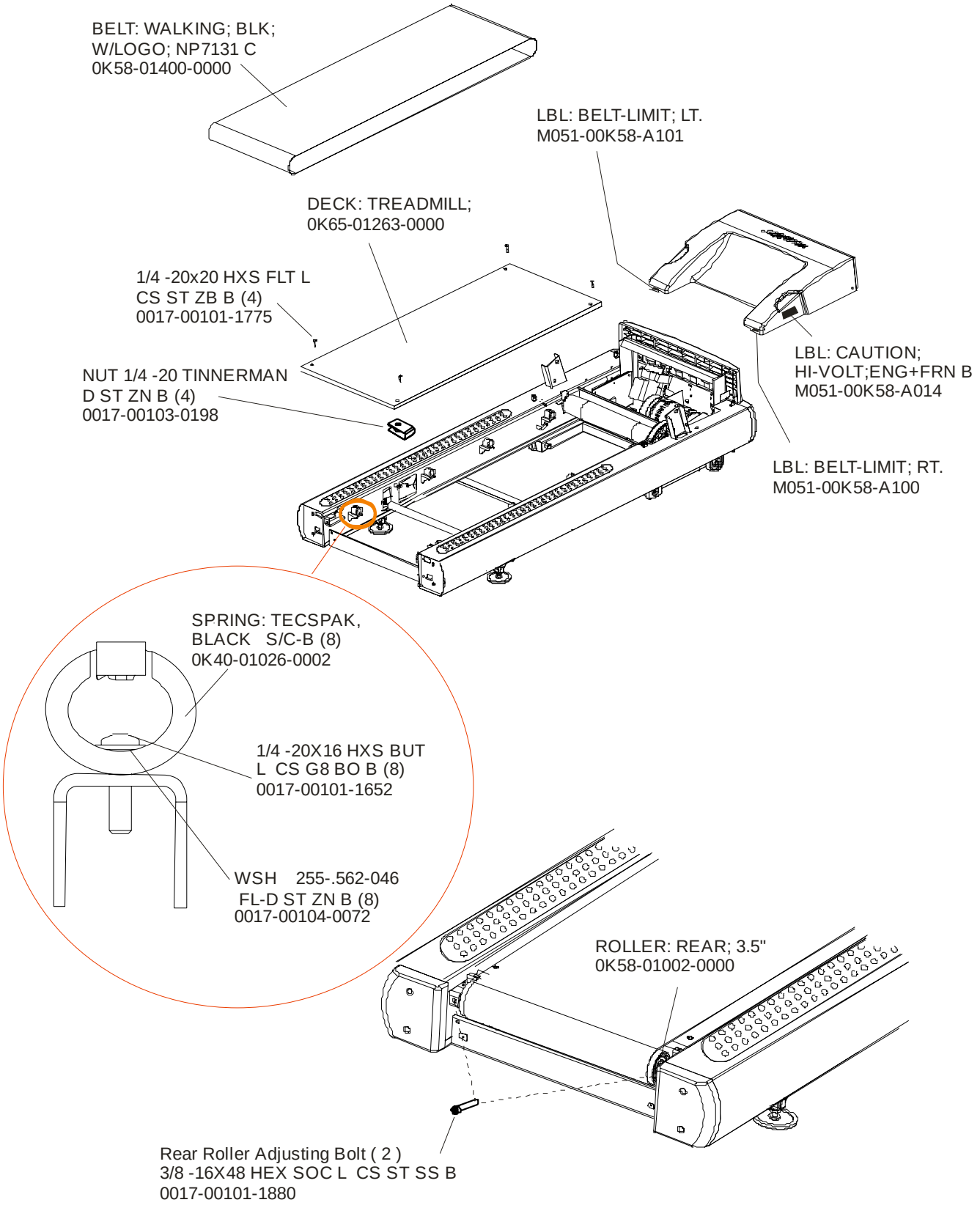
SWITCH: ROCKER;
22A DPST
0017-00032-0198

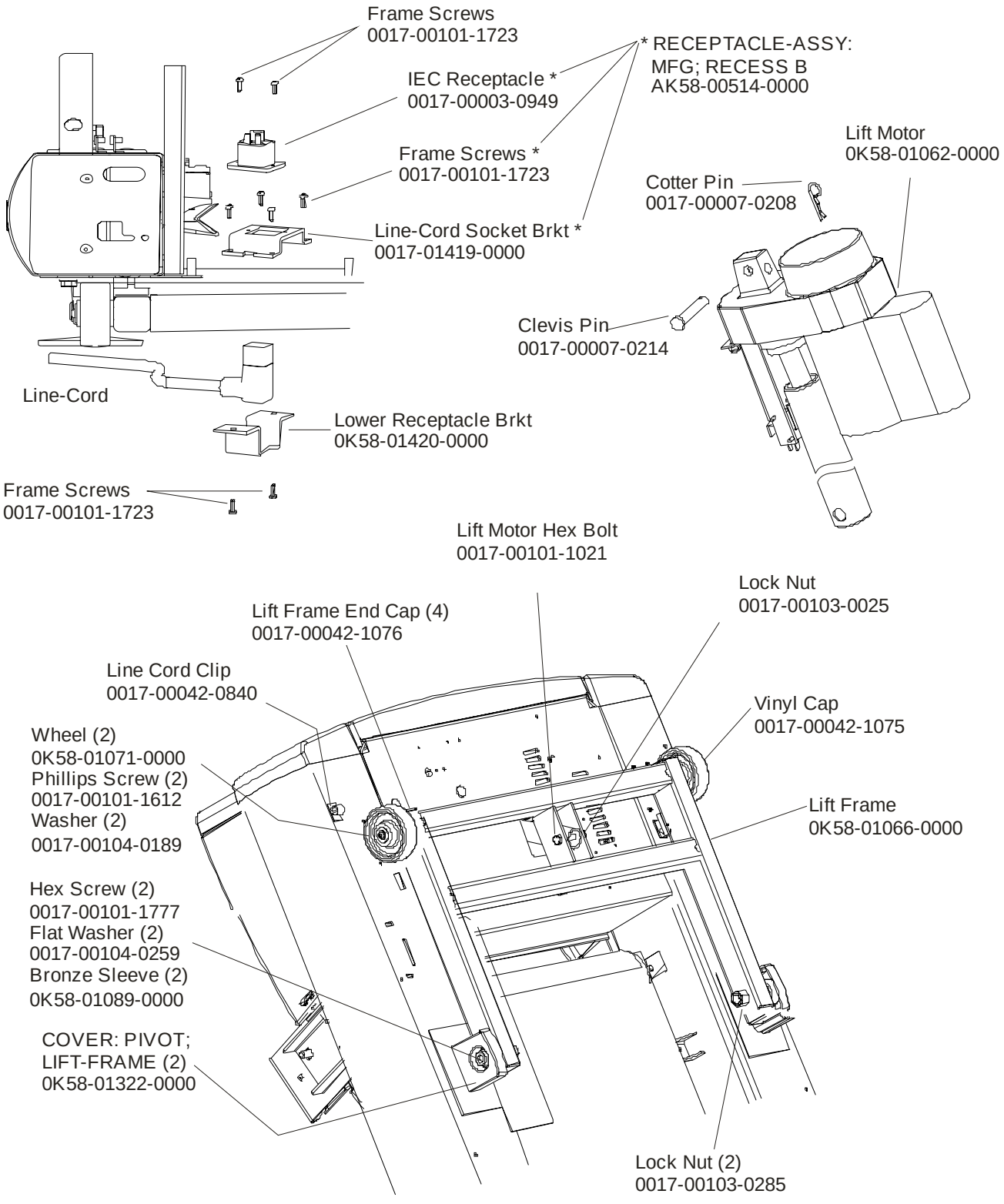
GROMMET: PLASTI; .
130/.005 S/C#13-B (2)
0017-00042-0326

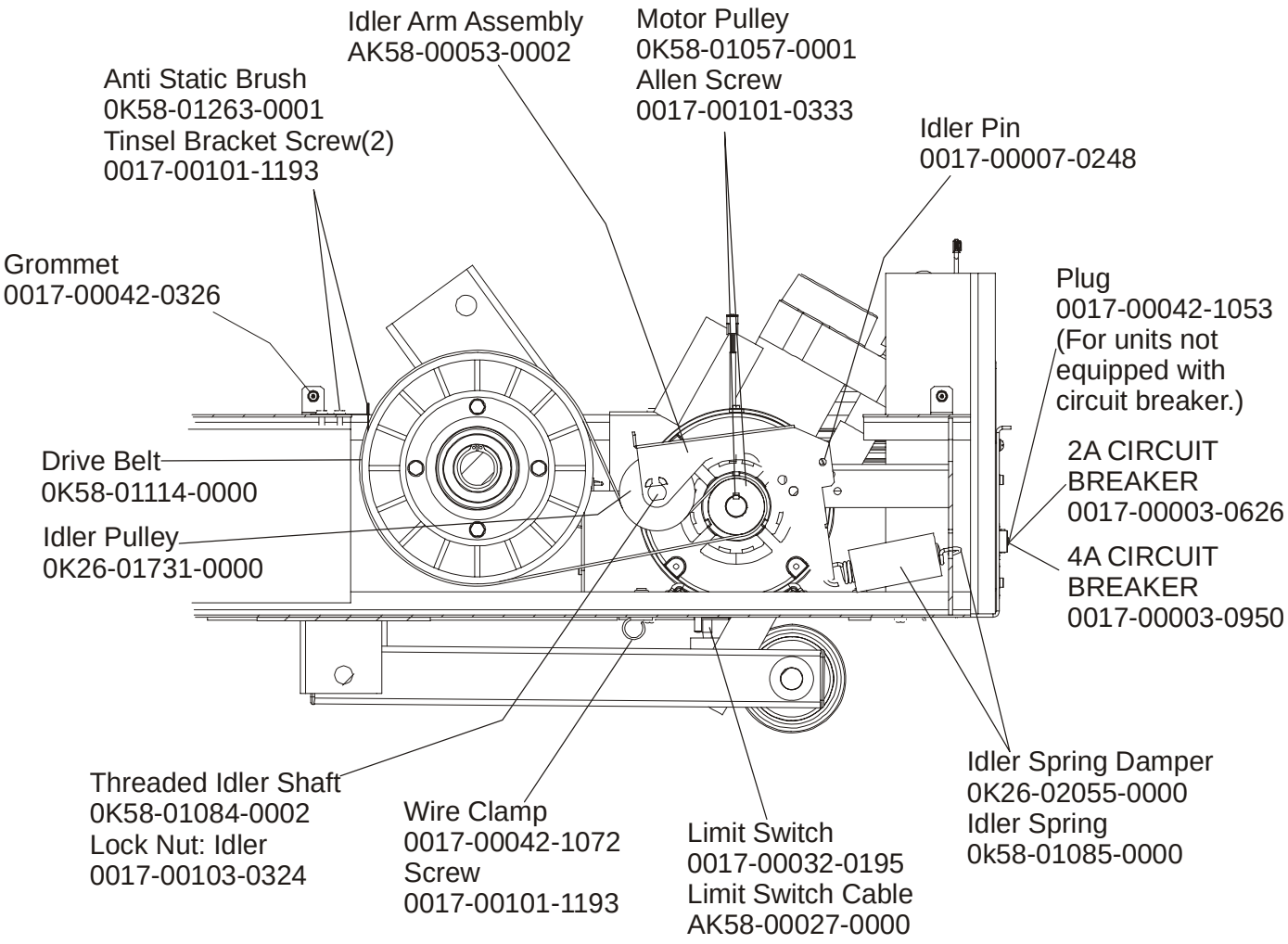


GROMMET:
NYLON; SCREW (2)
0017-00042-1147

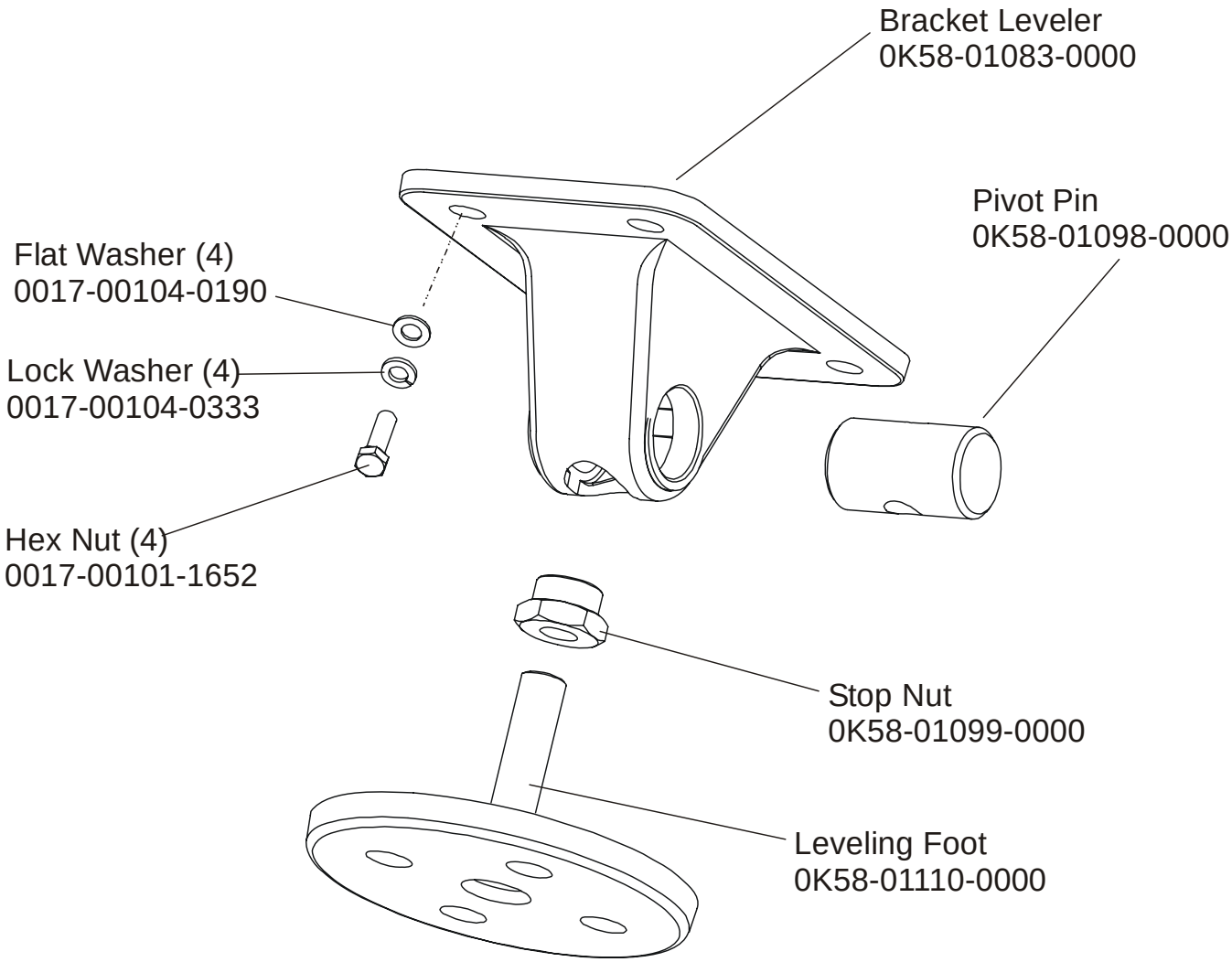
GROMMET: PLASTI; .
130/.005 S/C#13-B (8)
0017-00042-0326

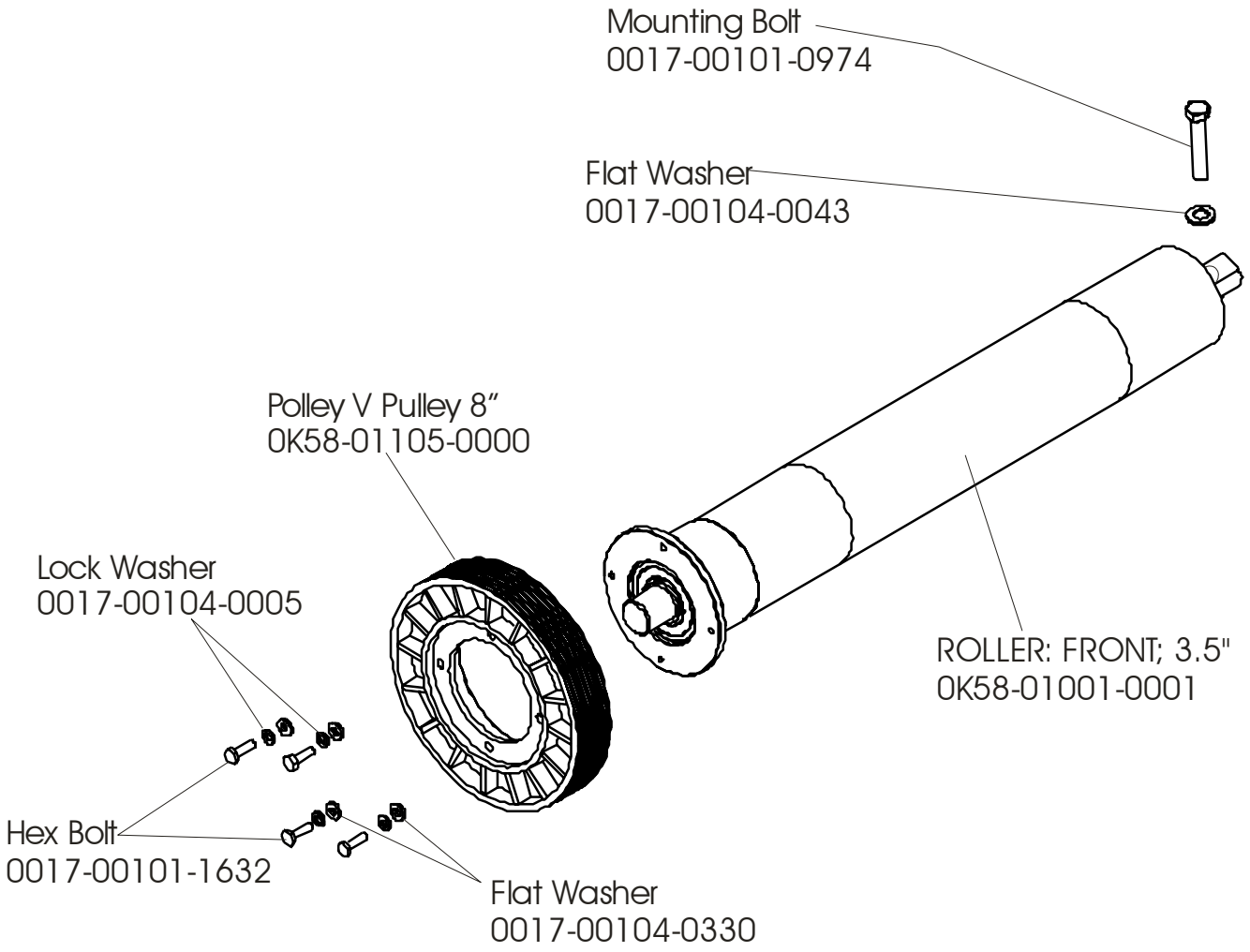

BELT: WALKING; BLK;
W/LOGO; NP7131 C
0K58-01400-0000
LBL: BELT-LIMIT; LT.
M051-00K58-A101
DECK: TREADMILL;
0K65-01263-0000
1/4 -20x20 HXS FLT L
CS ST ZB B (4)
0017-00101-1775
NUT 1/4 -20 TINNERMAN
D ST ZN B (4)
0017-00103-0198
LBL: CAUTION;
HI-VOLT;ENG+FRN B
M051-00K58-A014
LBL: BELT-LIMIT; RT.
M051-00K58-A100
SPRING: TECSPAK,
BLACK S/C-B (8)
0K40-01026-0002
1/4 -20X16 HXS BUT
L CS G8 BO B (8)
0017-00101-1652
WSH 255-.562-046
FL-D ST ZN B (8)
0017-00104-0072
ROLLER: REAR; 3.5"
0K58-01002-0000
Rear Roller Adjusting Bolt (2)
3/8 -16X48 HEX SOC L CS ST SS B
0017-00101-1880


Frame Screws
0017-00101-1723
* RECEPTACLE-ASSY:
MFG; RECESS B
AK58-00514-0000
IEC Receptacle *
0017-00003-0949
Frame Screws *
0017-00101-1723
Line-Cord Socket Brkt *
0017-01419-0000
Lift Motor
0K58-01062-0000
Cotter Pin
0017-00007-0208
Clevis Pin
0017-00007-0214
Line-Cord
Lower Receptacle Brkt
0K58-01420-0000
Frame Screws
0017-00101-1723
Lift Motor Hex Bolt
0017-00101-1021
Lock Nut
0017-00103-0025
Lift Frame End Cap (4)
0017-00042-1076
Line Cord Clip
0017-00042-0840
Vinyl Cap
0017-00042-1075
Wheel (2)
0K58-01071-0000
Phillips Screw (2)
0017-00101-1612
Washer (2)
0017-00104-0189
Lift Frame
0K58-01066-0000
Hex Screw (2)
0017-00101-1777
Flat Washer (2)
0017-00104-0259
Bronze Sleeve (2)
0K58-01089-0000
COVER: PIVOT;
LIFT-FRAME (2)
0K58-01322-0000
Lock Nut (2)
0017-00103-0285


Idler Arm Assembly
AK58-00053-0002
Motor Pulley
0K58-01057-0001
Allen Screw
0017-00101-0333
Anti Static Brush
0K58-01263-0001
Tinsel Bracket Screw(2)
0017-00101-1193
Idler Pin
0017-00007-0248
Grommet
0017-00042-0326
Plug
0017-00042-1053
(For units not equipped with circuit breaker.)
Drive Belt
0K58-01114-0000
2A CIRCUIT BREAKER
0017-00003-0626
Idler Pulley
0K26-01731-0000
4A CIRCUIT BREAKER
0017-00003-0950
Threaded Idler Shaft
0K58-01084-0002
Lock Nut: Idler
0017-00103-0324
Wire Clamp
0017-00042-1072
Screw
0017-00101-1193
Limit Switch
0017-00032-0195
Limit Switch Cable
AK58-00027-0000
Idler Spring Damper
0K26-02055-0000
Idler Spring
0k58-01085-0000

Leg Leveler Assembly – AK58-00370-0000 **S/N THS100374 -**




Mounting Bolt
0017-00101-0974
Flat Washer
0017-00104-0043
Polley V Pulley 8"
0K58-01105-0000
Lock Washer
0017-00104-0005
ROLLER: FRONT; 3.5"
0K58-01001-0001
Hex Bolt
0017-00101-1632
Flat Washer
0017-00104-0330

NOTE: PLEASE SEE SERVICE BULLETIN **# TR07060101N** TO ORDER CORRECT DRIVE MOTOR & FLYWHEEL FOR SERIAL NUMBER.

DUAL CABLE
DRIVE MOTOR-ASY:
AK58-00171-0001

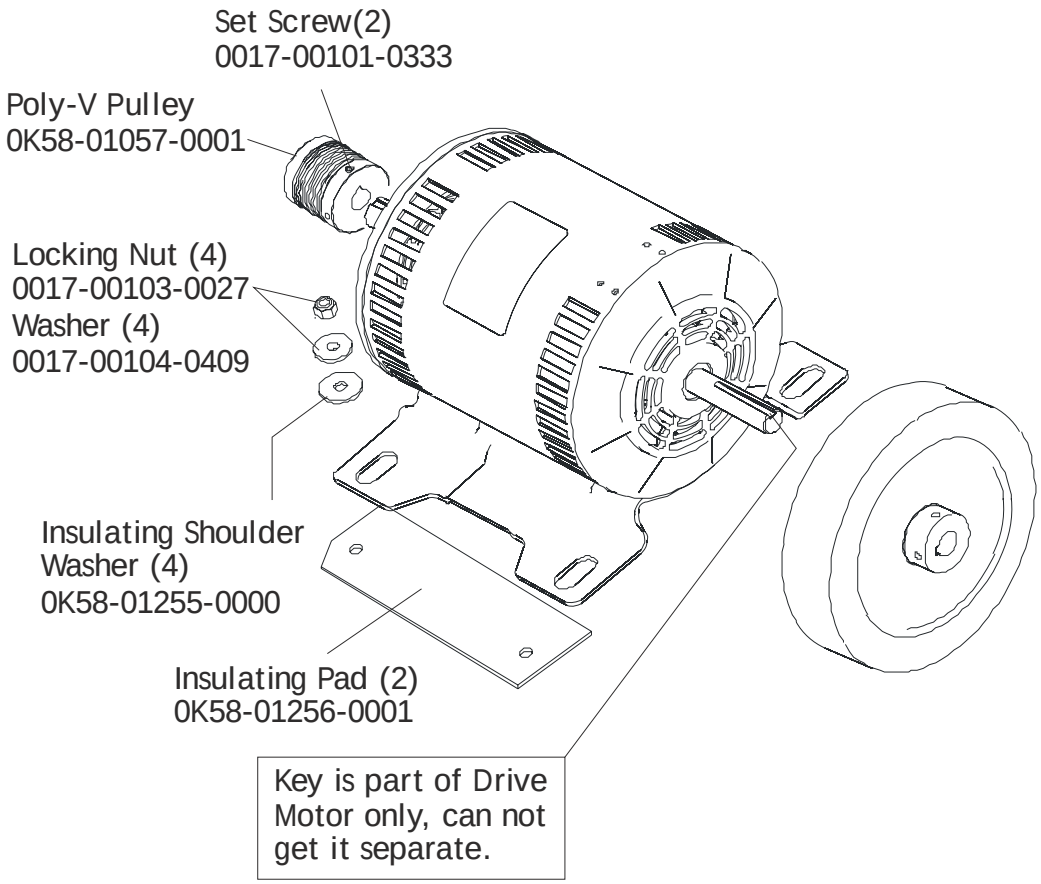
DUAL CABLE MOTOR
FLYWHEEL: CAST-IRON
0K58-01092-0002

DUAL CABLE MOTOR
USE SET SCREWS
0017-00101-0975

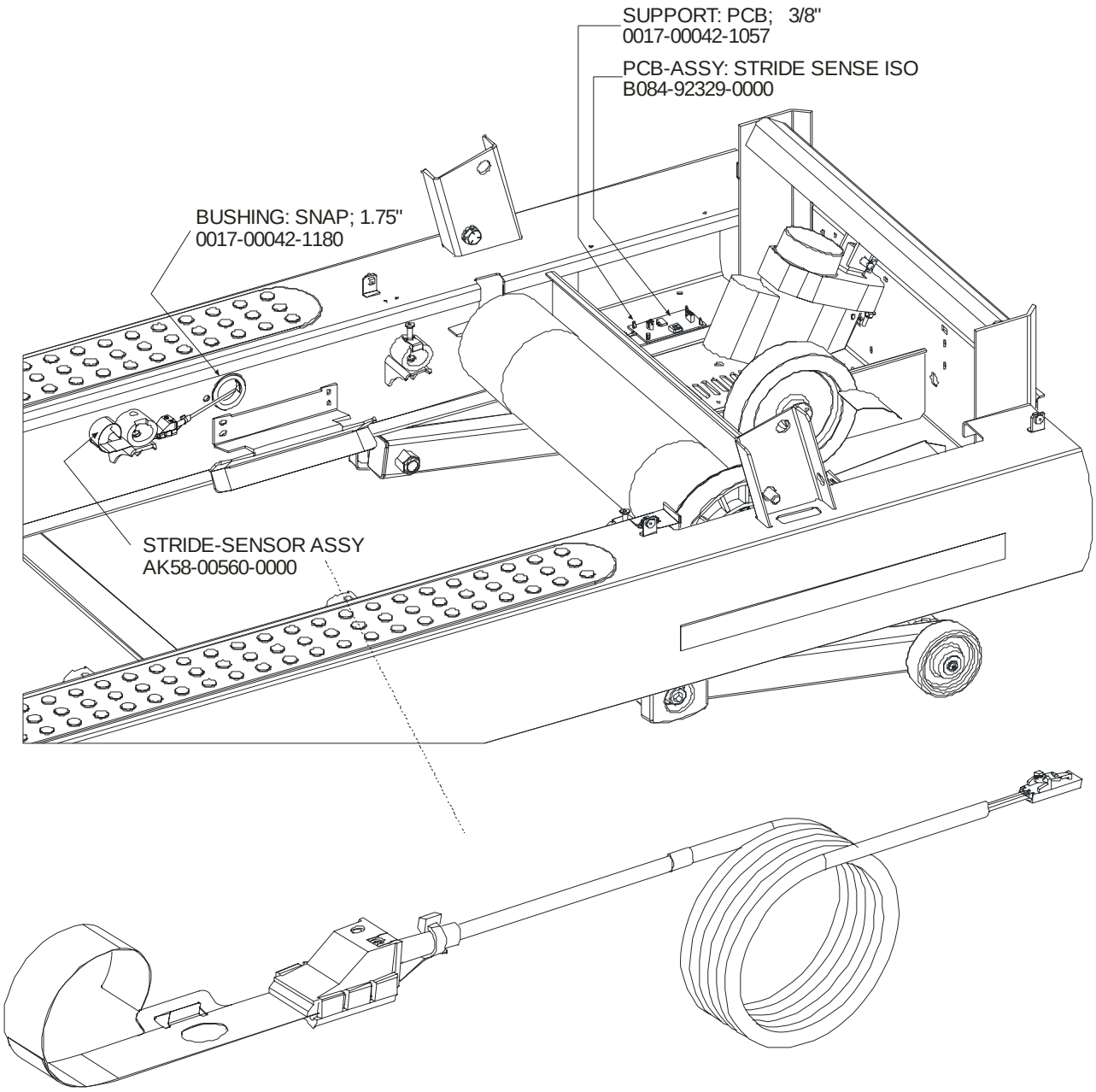
TAPERED SHAFT
DRIVE MOTOR-ASY:
AK58-00171-0002

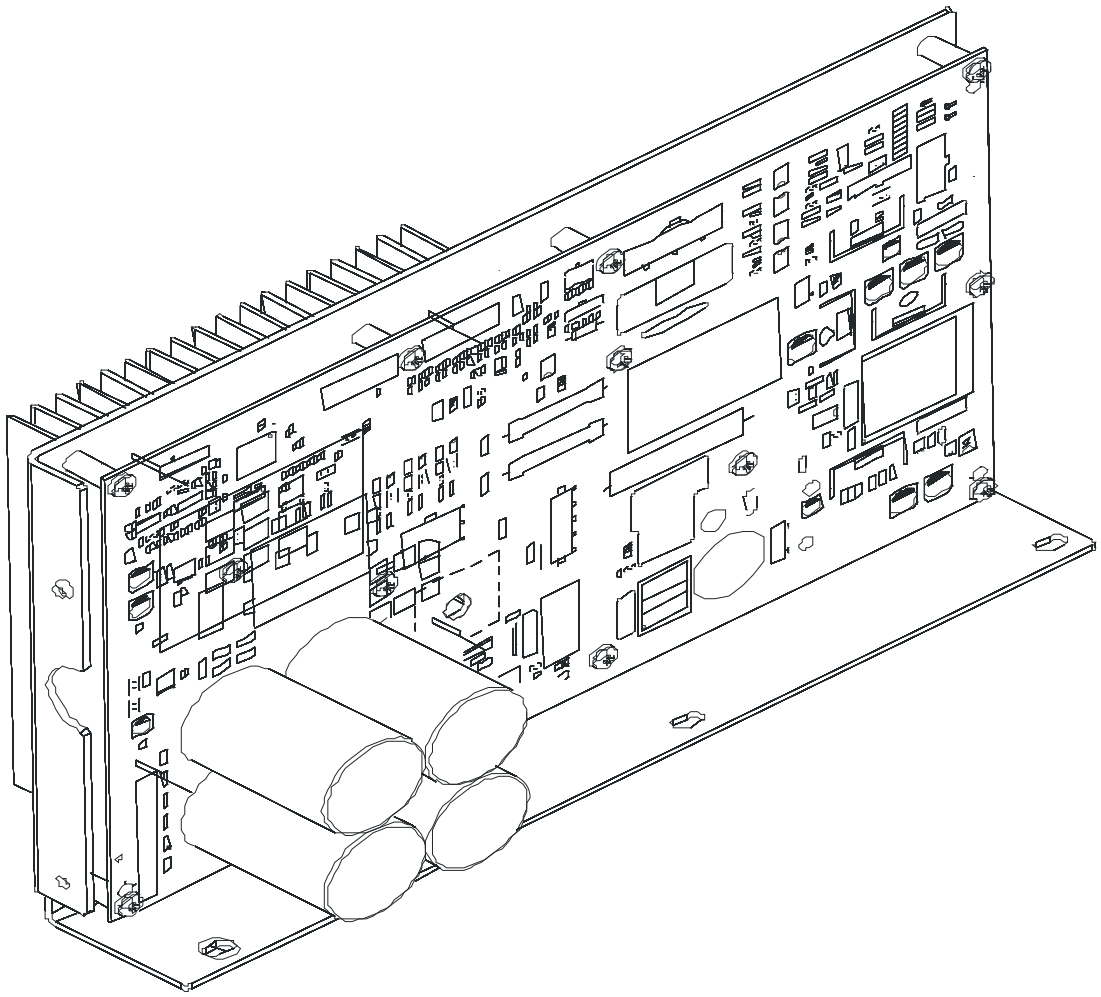
TAPERED
FLYWHEEL: CAST-IRON
0K58-01092-0004

TAPERED SHAFT MOTOR
USE BOLT
0017-00101-1885



NO STRIDE SENSOR ASSY AND PCB APPLIED FROM SERIAL: THS102153

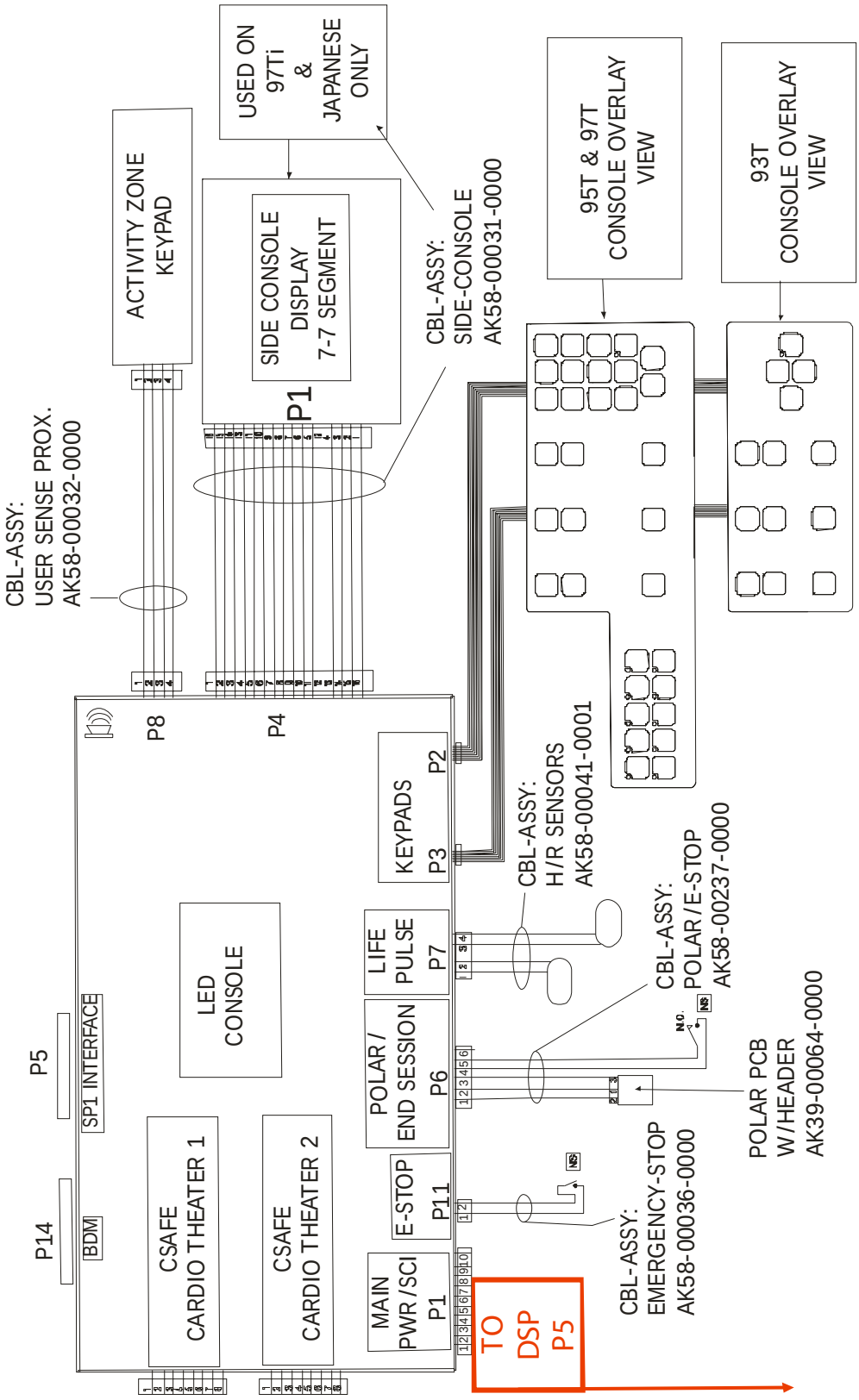


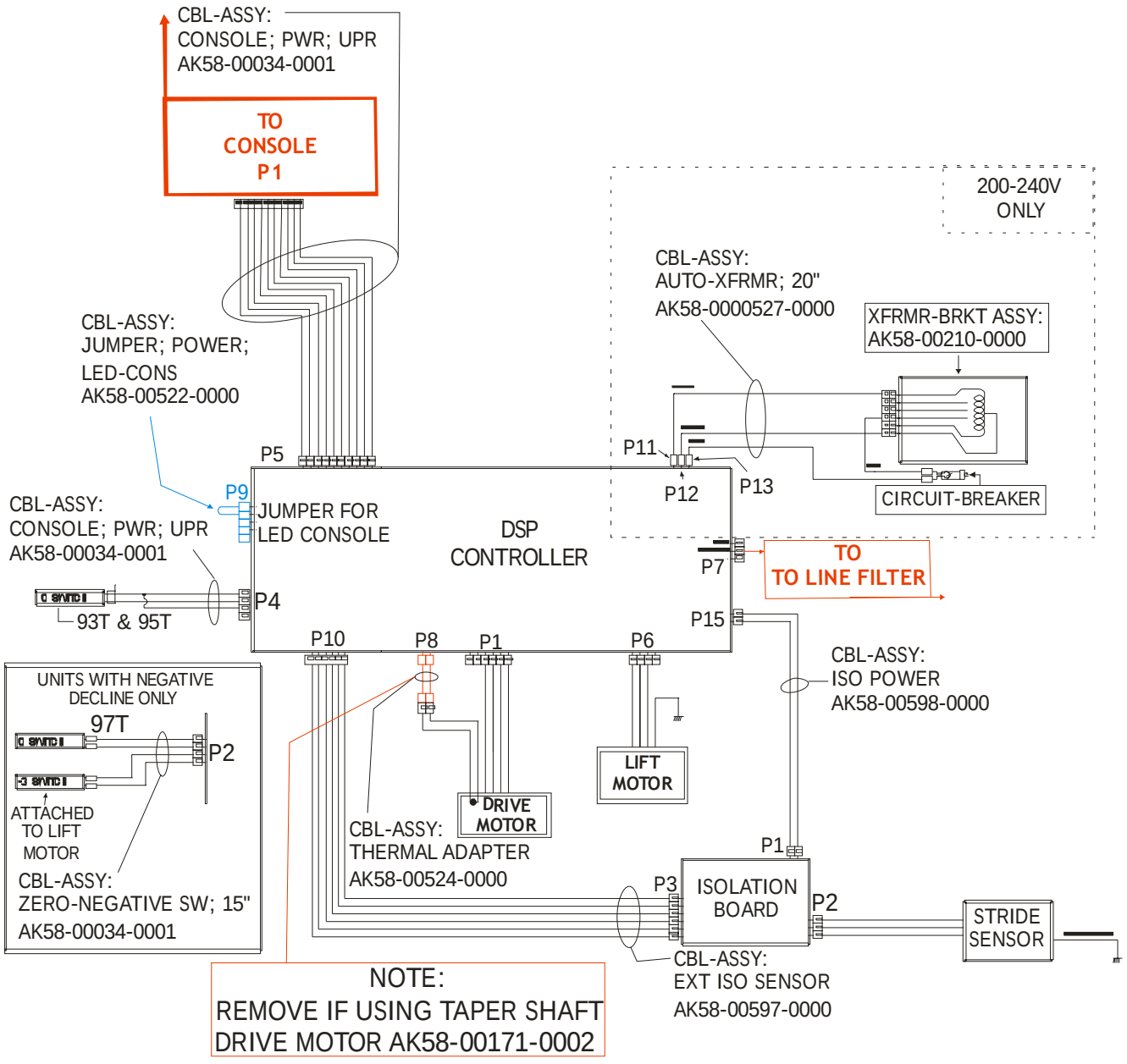


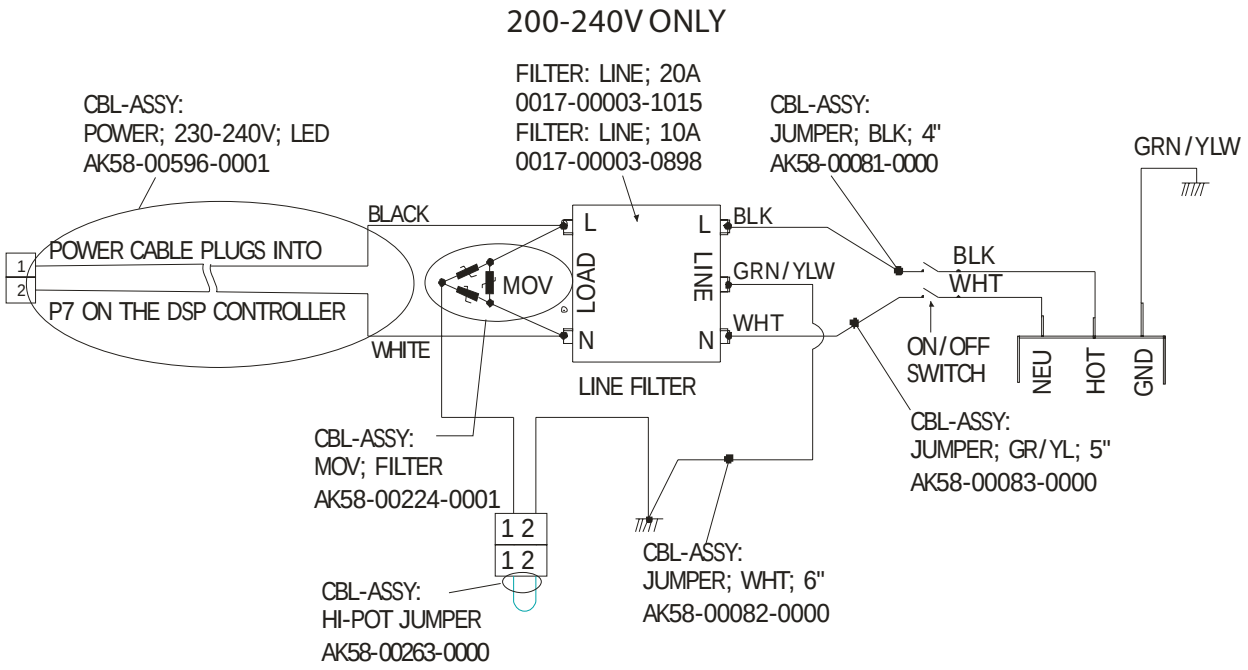
VOLTAGE	PART NUMBER	PART DESCRIPTION
200-240	AK58-00518-0002	KIT: NC; DSP CONTROLLER ASSY; LED + LCD

MODEL #	MODEL DESCRIPTION	STANDARD LINE CORDS
95T-0101-02	95T ENG+MET 230/50 CON	0017-00003-0696 LINE-CORD: R/A; CEE7; 103" 10A 250V D
95T-0201-02	95T GER/MET 230/50 CON	
95T-0301-02	95T FRN/MET 230/50 CON	
95T-0401-02	95T SPN/MET 230/50 CON	
95T-0501-02	95T ITL/MET 230/50 CON	
95T-0601-02	95T DUT/MET 230/50 CON	
95T-0801-02	95T POR/MET 230/50 CON	
95T-1601-02	95T ENG/TUR 230/50 CON	
95T-0102-02	95T ENG+MET 240/50 UK	0017-00003-0890 LINE-CORD: U.K; R/A
95T-0109-02	95T ENG+MET 230/50 UK	
95T-0104-02	95T ENG+MET 240V+ AUS	0017-00003-0996 LINE-CORD: IEC; AUSTRALIAN; 230/50 C

OPTIONAL LINE CORDS		
0017-00003-0947	LINE-CORD: 120V; 20A;	12'
0017-00003-0915	LINE-CORD: R/A 120V	8'
0017-00003-0980	LINE-CORD: R/A; NEMA 5-20 144"	12'
0017-00003-0981	LINE-CORD: R/A; W/PLUG 220/60	7.5'
0017-00003-0948	LINE-CORD: 220V; 15A;	12'


USED ON 97Ti & JAPANESE ONLY
ACTIVITY ZONE KEYPAD
SIDE CONSOLE DISPLAY 7-7 SEGMENT
P1
CBL-ASSY: SIDE-CONSOLE AK58-00031-0000
95T & 97T CONSOLE OVERLAY VIEW
93T CONSOLE OVERLAY VIEW
CBL-ASSY: USER SENSE PROX. AK58-00032-0000
P8
P4
KEYPADS P3 P2
CBL-ASSY: H/R SENSORS AK58-00041-0001
LIFE PULSE P7
CBL-ASSY: POLAR/E-STOP AK58-00237-0000
POLAR / END SESSION P6
POLAR PCB W/HEADER AK39-00064-0000
E-STOP P11
CBL-ASSY: EMERGENCY-STOP AK58-00036-0000
MAIN PWR/SCI P1
TO DSP P5
P5
SP1 INTERFACE
LED CONSOLE
P14
BDM
CSAFE CARDIO THEATER 1
CSAFE CARDIO THEATER 2


CBL-ASSY:
CONSOLE; PWR; UPR
AK58-00034-0001
TO
CONSOLE
P1
200-240V
ONLY
CBL-ASSY:
AUTO-XFRMR; 20"
AK58-0000527-0000
XFRMR-BRKT ASSY:
AK58-00210-0000
CBL-ASSY:
JUMPER; POWER;
LED-CONS
AK58-00522-0000
P5
P11
P12
P13
CIRCUIT-BREAKER
P9
JUMPER FOR
LED CONSOLE
DSP
CONTROLLER
CBL-ASSY:
CONSOLE; PWR; UPR
AK58-00034-0001
P7
TO
TO LINE FILTER
P4
93T & 95T
P15
P10
P8
P1
P6
CBL-ASSY:
ISO POWER
AK58-00598-0000
UNITS WITH NEGATIVE
DECLINE ONLY
97T
P2
ATTACHED
TO LIFT
MOTOR
CBL-ASSY:
ZERO-NEGATIVE SW; 15"
AK58-00034-0001
LIFT
MOTOR
DRIVE
MOTOR
CBL-ASSY:
THERMAL ADAPTER
AK58-00524-0000
P1
P3
ISOLATION
BOARD
P2
STRIDE
SENSOR
CBL-ASSY:
EXT ISO SENSOR
AK58-00597-0000
NOTE:
REMOVE IF USING TAPER SHAFT
DRIVE MOTOR AK58-00171-0002


200-240V ONLY
CBL-ASSY:
POWER; 230-240V; LED
AK58-00596-0001
FILTER: LINE; 20A
0017-00003-1015
FILTER: LINE; 10A
0017-00003-0898
CBL-ASSY:
JUMPER; BLK; 4"
AK58-00081-0000
GRN/YLW
BLACK
POWER CABLE PLUGS INTO
P7 ON THE DSP CONTROLLER
WHITE
MOV
LOAD
LINE
L
N
BLK
GRN/YLW
WHT
LINE FILTER
BLK
WHT
ON/OFF
SWITCH
NEU
HOT
GND
CBL-ASSY:
JUMPER; GR/YL; 5"
AK58-00083-0000
CBL-ASSY:
MOV; FILTER
AK58-00224-0001
1 2
1 2
CBL-ASSY:
HI-POT JUMPER
AK58-00263-0000
CBL-ASSY:
JUMPER; WHT; 6"
AK58-00082-0000